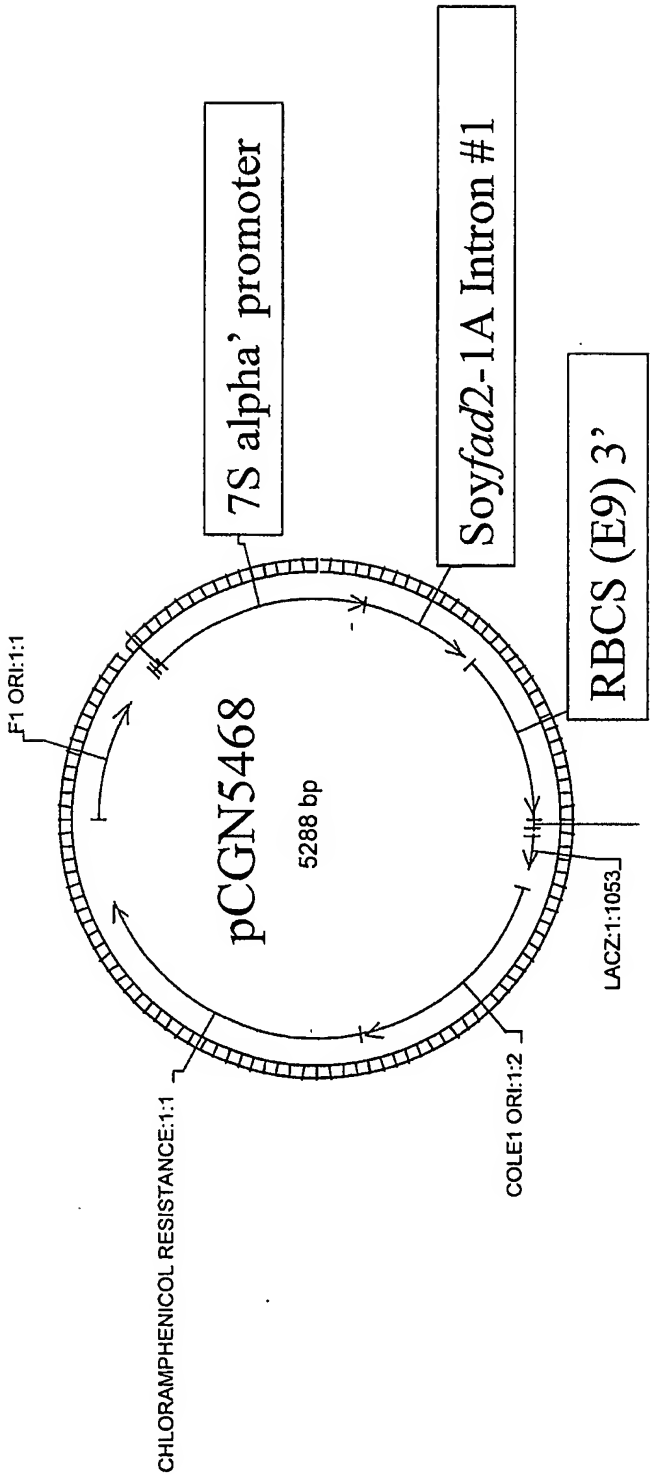
7S alpha' promoter
Soyfad2-1A Intron #1
RBCS (E9) 3'
pCGN5468
5288 bp
F1 ORI:1:1
LACZ:1:1053
COLE1 ORI:1:2
CHLORAMPHENICOL RESISTANCE:1:1

Figure 1

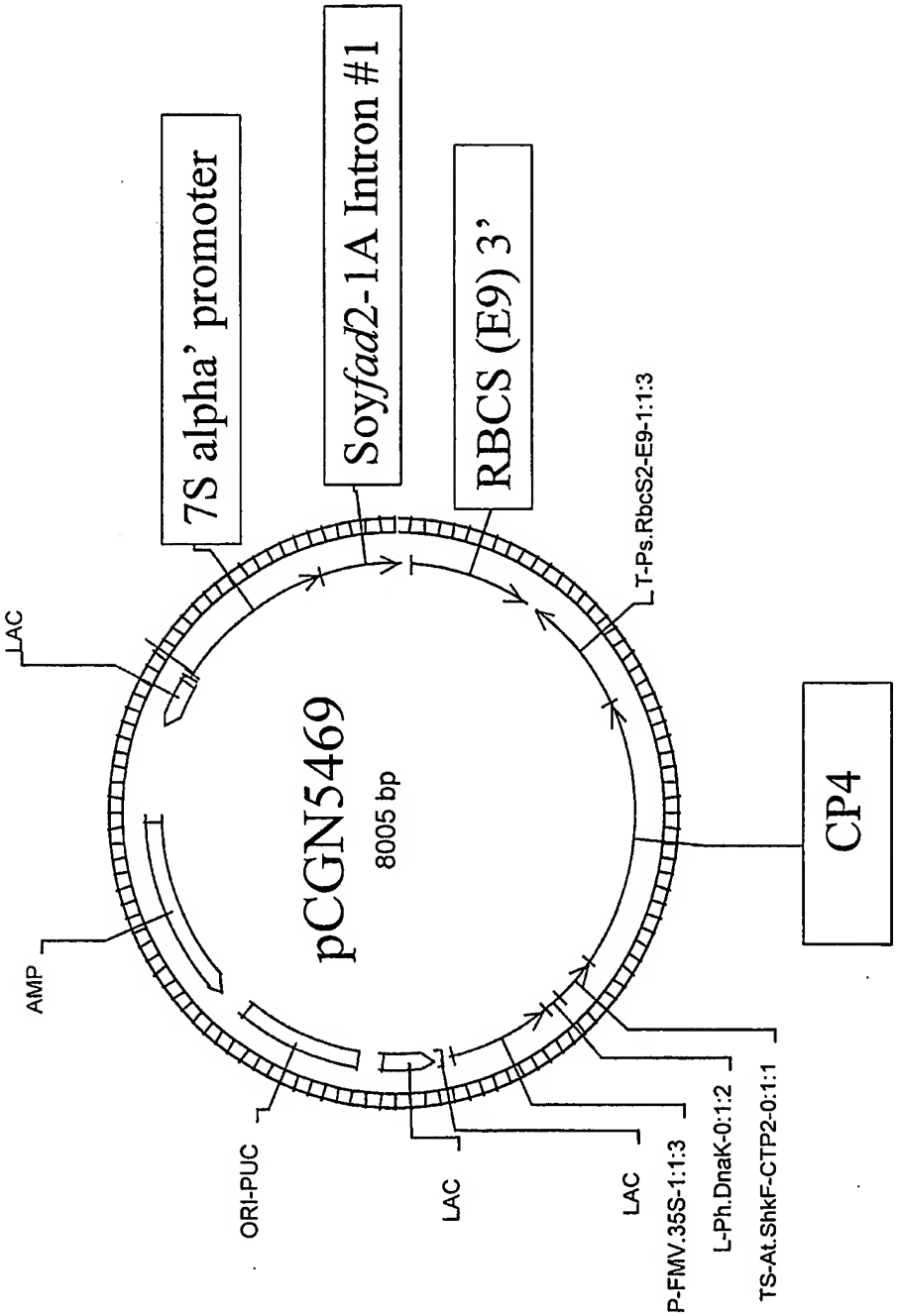
7S alpha' promoter
Soyfad2-1A Intron #1
RBCS (E9) 3'
T-Ps.RbcS2-E9-1:1:3
CP4
pCGN5469
8005 bp
LAC
AMP
ORI-PUC
LAC
LAC
P-FMV.35S-1:1:3
L-Ph.DnaK-0:1:2
TS-At.ShkF-CTP2-0:1:1

Figure 2

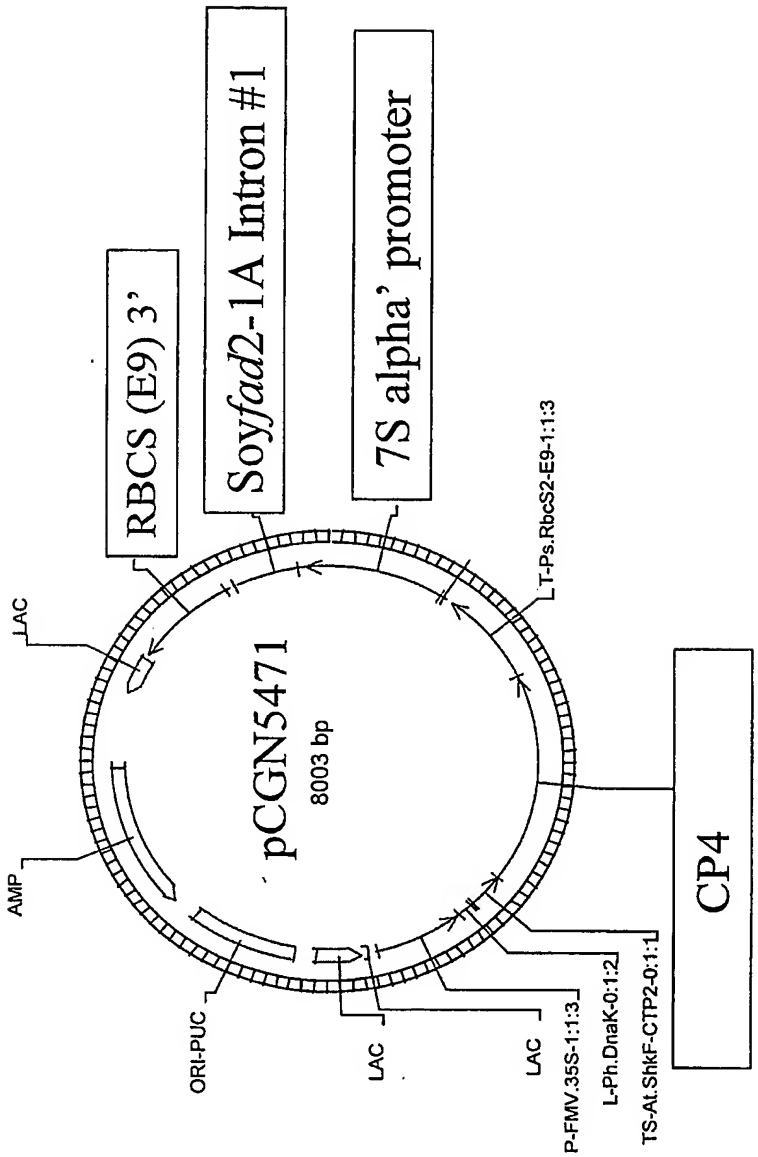
RBCS (E9) 3'
Soyfad2-1A Intron #1
7S alpha' promoter
T-Ps.RbcS2-E9-1:1:3
CP4
L-Ph.DnaK-0:1:2
TS-At.ShkF-CTP2-0:1:1
P-FMV.35S-1:1:3
LAC
LAC
LAC
ORI-PUC
AMP
pCGN5471
8003 bp

Figure 3

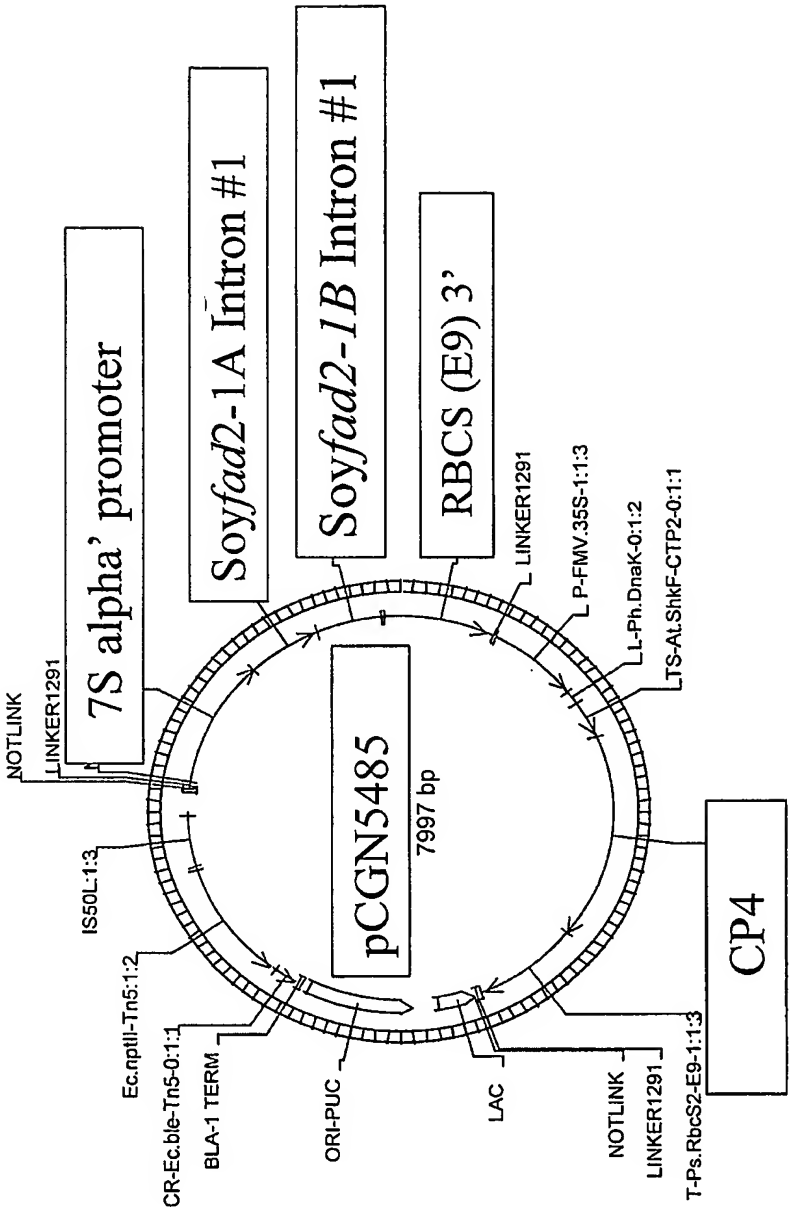
7S alpha' promoter
Soyfad2-1A Intron #1
Soyfad2-1B Intron #1
RBCS (E9) 3'
CP4
pCGN5485
7997 bp
NOTLINK
LINKER1291
IS50L:1:3
Ec.nptII-Tn5:1:2
CR-Ec.ble-Tn5-0:1:1
BLA-1 TERM
ORI-PUC
LAC
NOTLINK
LINKER1291
T-Ps.RbcS2-E9-1:1:3
LINKER1291
P-FMV.35S-1:1:3
L-Ph.DnaK-0:1:2
TS-At.ShkF-CTP2-0:1:1

Figure 4

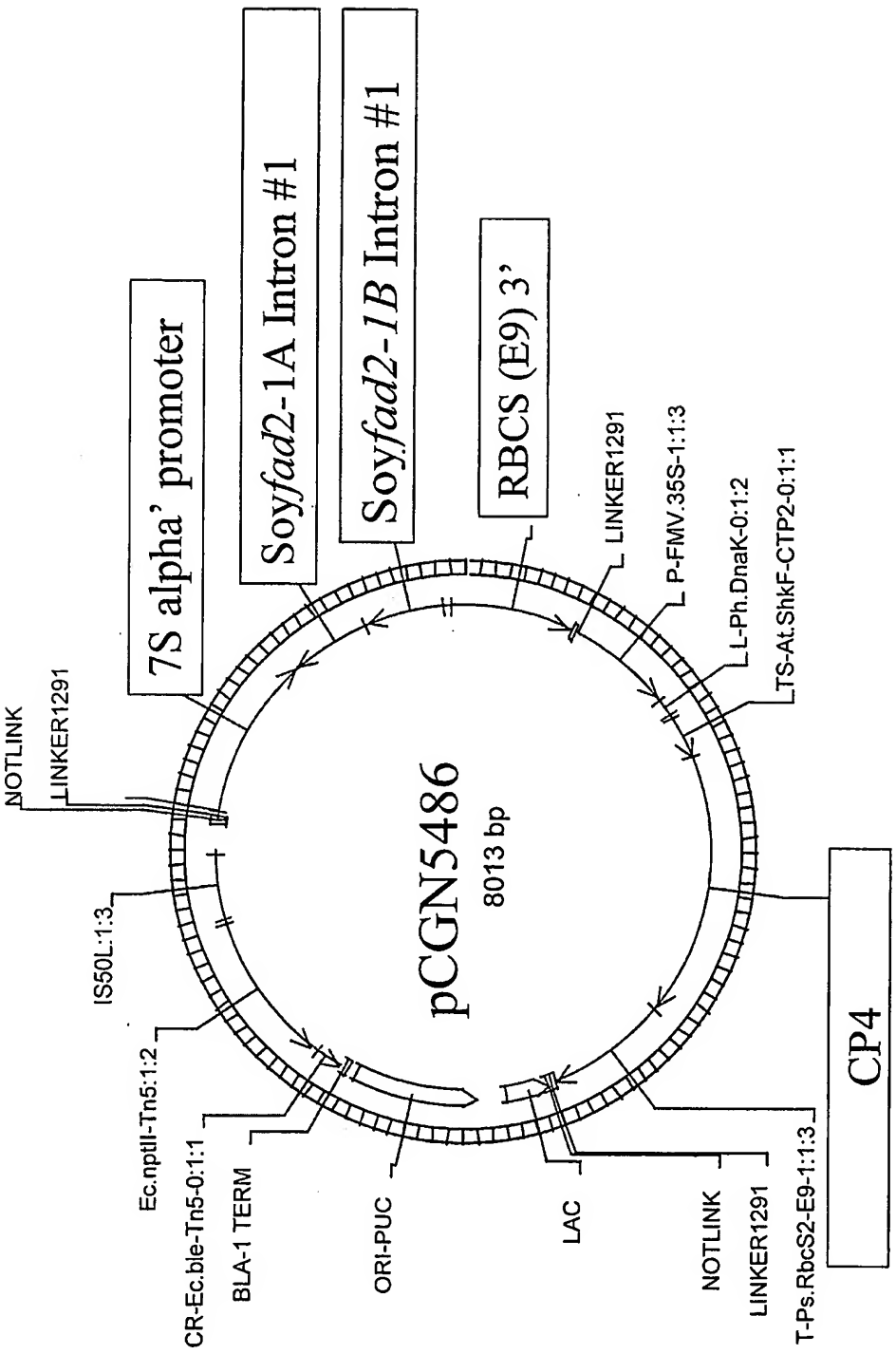
pCGN5486
8013 bp
7S alpha' promoter
Soyfad2-1A Intron #1
Soyfad2-1B Intron #1
RBCS (E9) 3'
LINKER1291
P-FMV.35S-1:1:3
L-Ph.DnaK-0:1:2
TS-At.ShkF-CTP2-0:1:1
CP4
T-Ps.RbcS2-E9-1:1:3
LINKER1291
NOTLINK
LAC
ORI-PUC
BLA-1 TERM
CR-Ec.ble-Tn5-0:1:1
Ec.nptII-Tn5:1:2
IS50L:1:3
LINKER1291
NOTLINK

Figure 5

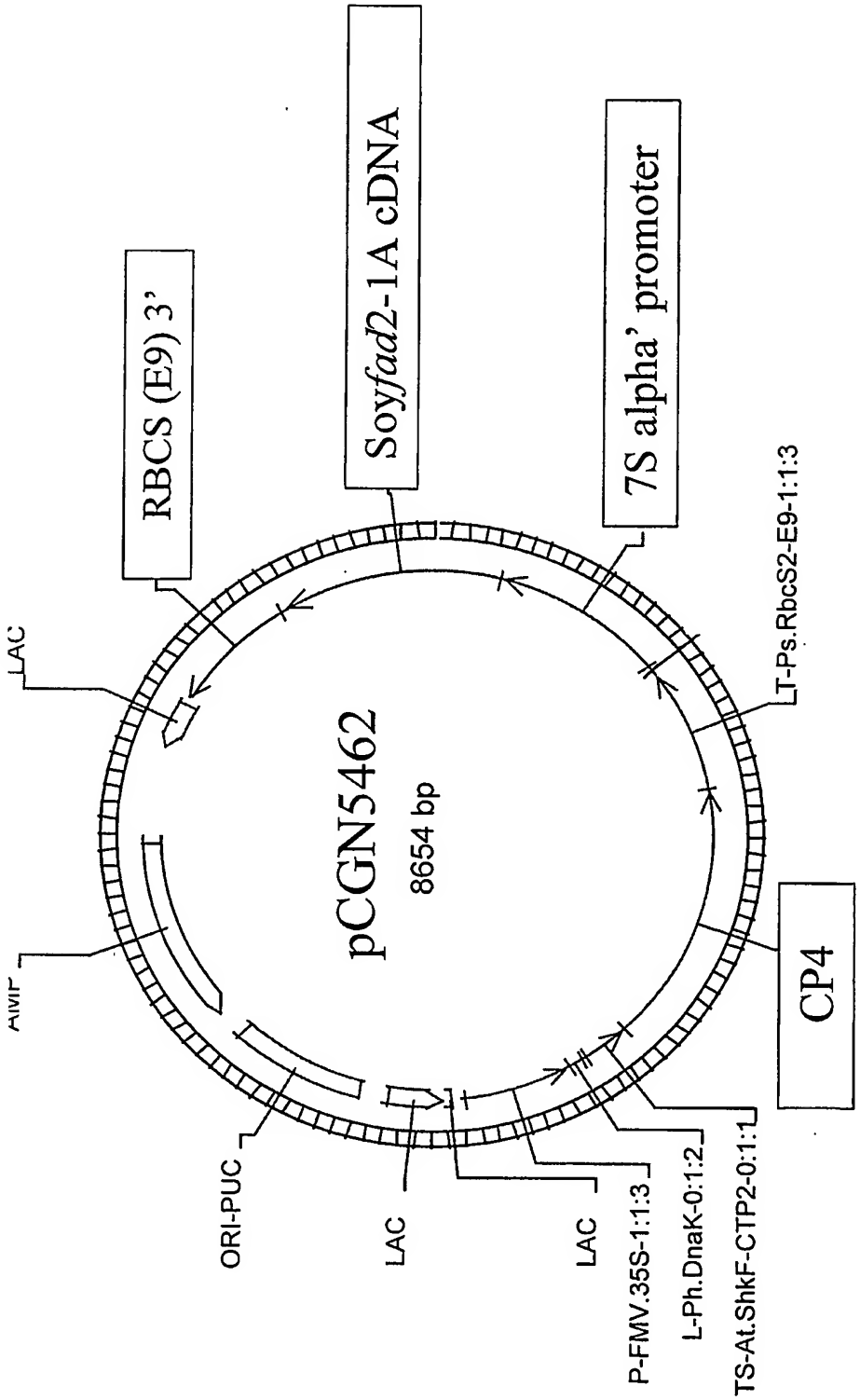
RBCS (E9) 3'
Soyfad2-1A cDNA
7S alpha' promoter
T-Ps.RbcS2-E9-1:1:3
CP4
TS-At.ShkF-CTP2-0:1:1
L-Ph.DnaK-0:1:2
P-FMV.35S-1:1:3
LAC
LAC
ORI-PUC
pCGN5462
8654 bp

Figure 6

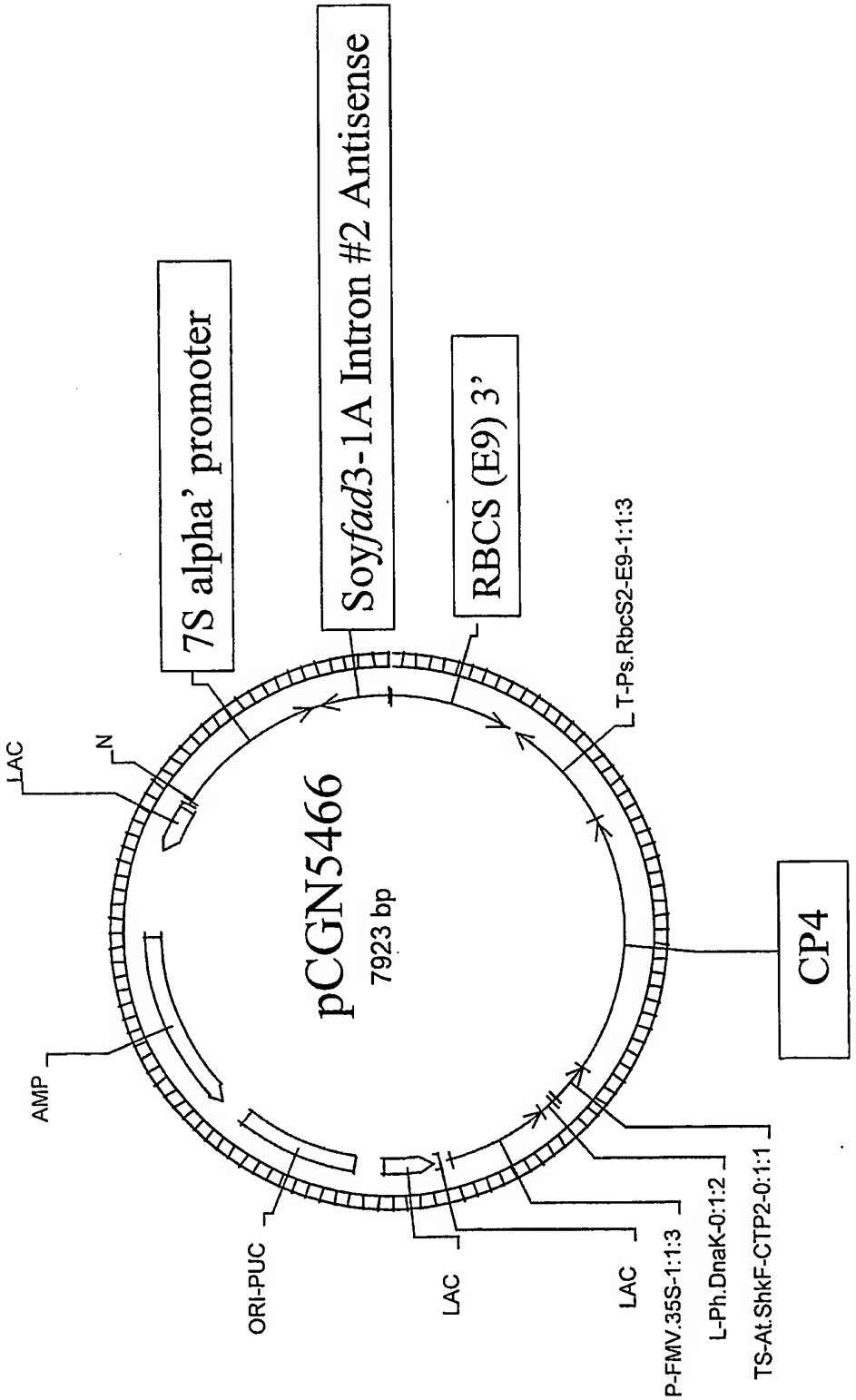
7S alpha' promoter
Soyfad3-1A Intron #2 Antisense
RBCS (E9) 3'
T-Ps.RbcS2-E9-1:1:3
CP4
TS-At.ShkF-CTP2-0:1:1
L-Ph.DnaK-0:1:2
P-FMV.35S-1:1:3
LAC
LAC
ORI-PUC
AMP
LAC
N
pCGN5466
7923 bp

Figure 7

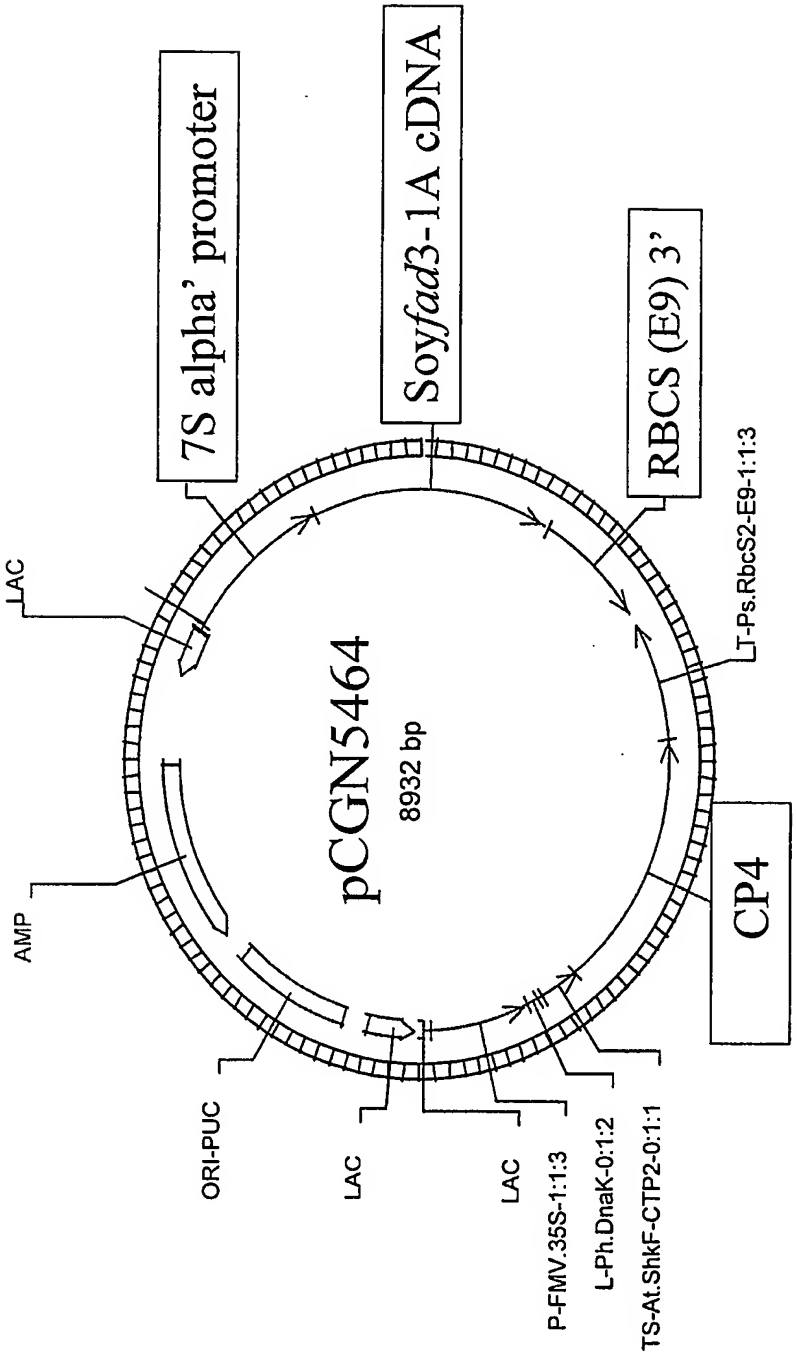
7S alpha' promoter
Soyfad3-1A cDNA
RBCS (E9) 3'
T-Ps.RbcS2-E9-1:1:3
CP4
TS-At.ShkF-CTP2-0:1:1
L-Ph.DnaK-0:1:2
P-FMV.35S-1:1:3
LAC
LAC
ORI-PUC
AMP
LAC
pCGN5464
8932 bp

Figure 8

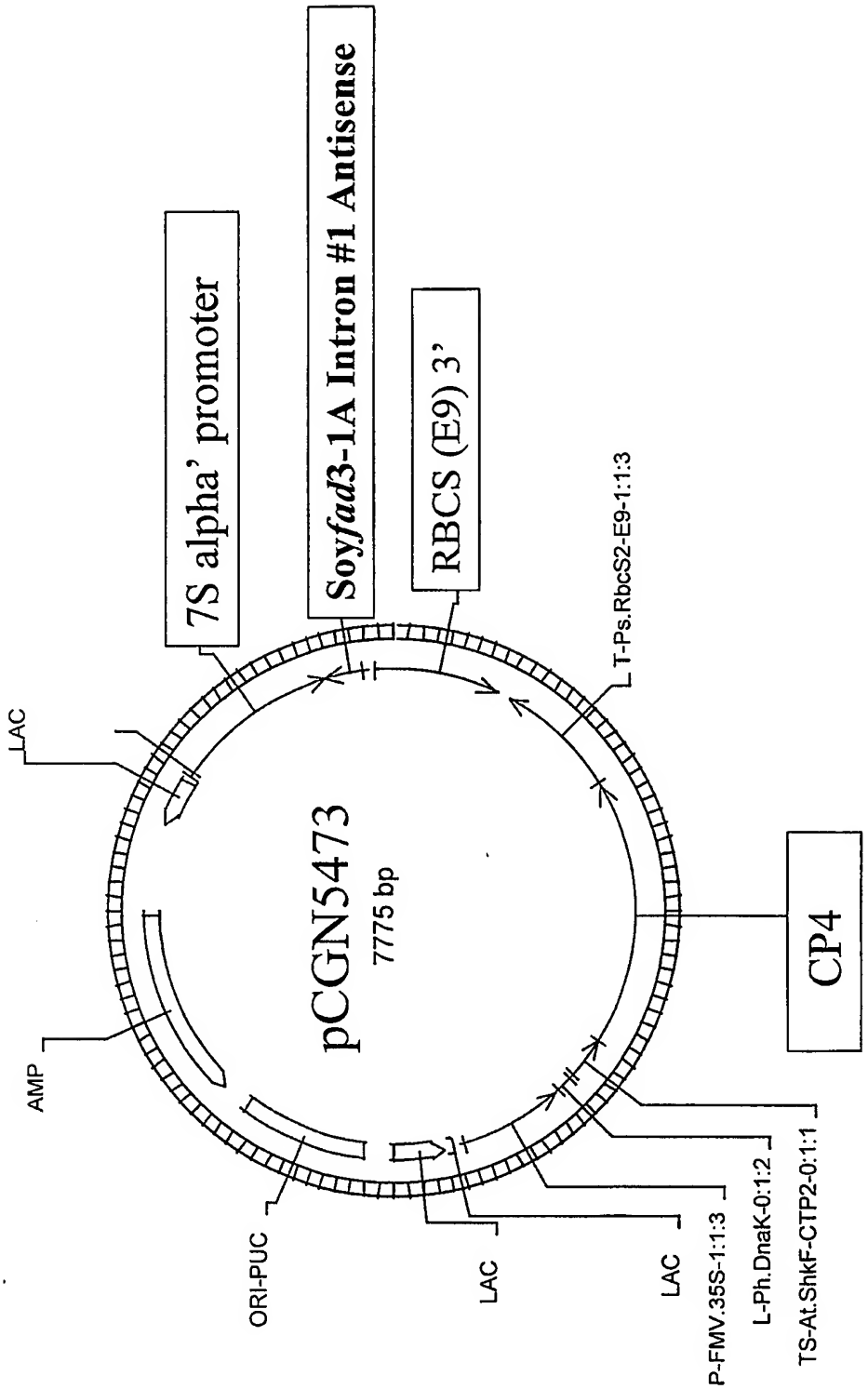
7S alpha' promoter
Soyfad3-1A Intron #1 Antisense
RBCS (E9) 3'
T-Ps.RbcS2-E9-1:1:3
CP4
TS-At.ShkF-CTP2-0:1:1
L-Ph.DnaK-0:1:2
P-FMV.35S-1:1:3
LAC
LAC
ORI-PUC
AMP
LAC
pCGN5473
7775 bp

Figure 9

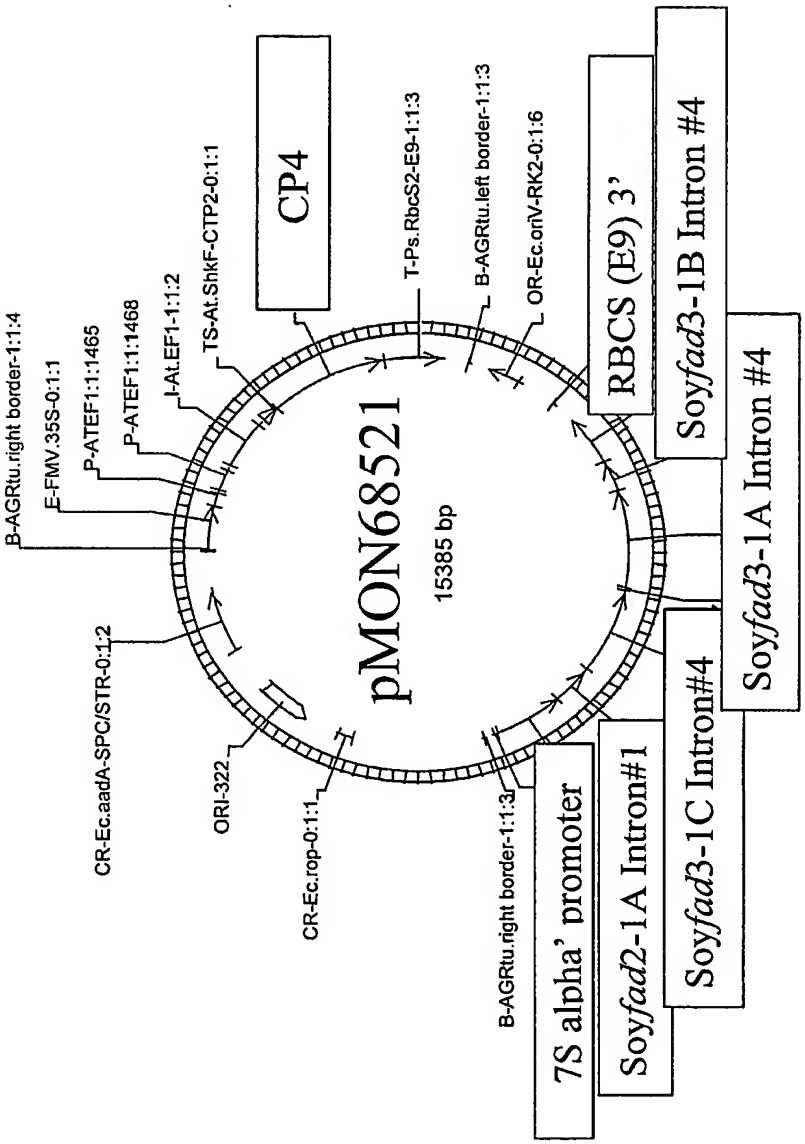
pMON68521
15385 bp
B-AGRtu.right border-1:1:4
E-FMV.35S-0:1:1
P-ATEF1:1:1465
P-ATEF1:1:1468
I-At.EF1-1:1:2
TS-At.ShkF-CTP2-0:1:1
CP4
T-Ps.RbcS2-E9-1:1:3
B-AGRtu.left border-1:1:3
OR-Ec.oriV-RK2-0:1:6
RBCS (E9) 3'
Soyfad3-1B Intron #4
Soyfad3-1A Intron #4
Soyfad3-1C Intron#4
Soyfad2-1A Intron#1
7S alpha' promoter
B-AGRtu.right border-1:1:3
CR-Ec.rop-0:1:1
ORI-322
CR-Ec.aadA-SPC/STR-0:1:2

Figure 10

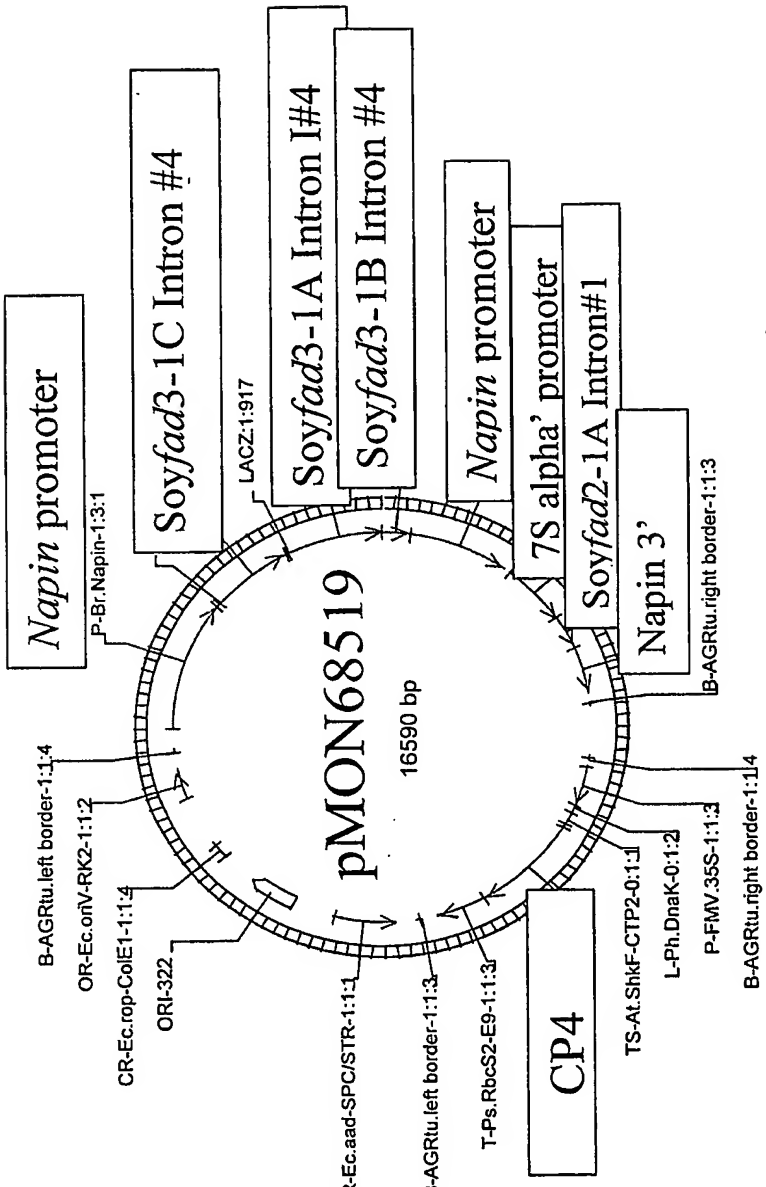
pMON68519
16590 bp
Napin promoter
P-Br.Napin-1:3:1
Soyfad3-1C Intron #4
LACZ:1:917
Soyfad3-1A Intron I#4
Soyfad3-1B Intron #4
Napin promoter
7S alpha' promoter
Soyfad2-1A Intron#1
Napin 3'
B-AGRtu.right border-1:1:3
B-AGRtu.right border-1:1:4
P-FMV.35S-1:1:3
L-Ph.DnaK-0:1:2
TS-At.ShkF-CTP2-0:1:1
CP4
T-Ps.RbcS2-E9-1:1:3
B-AGRtu.left border-1:1:3
CR-Ec.aad-SPC/STR-1:1:1
ORI-322
CR-Ec.rop-ColE1-1:1:4
OR-Ec.oriV-RK2-1:1:2
B-AGRtu.left border-1:1:4

Figure 11

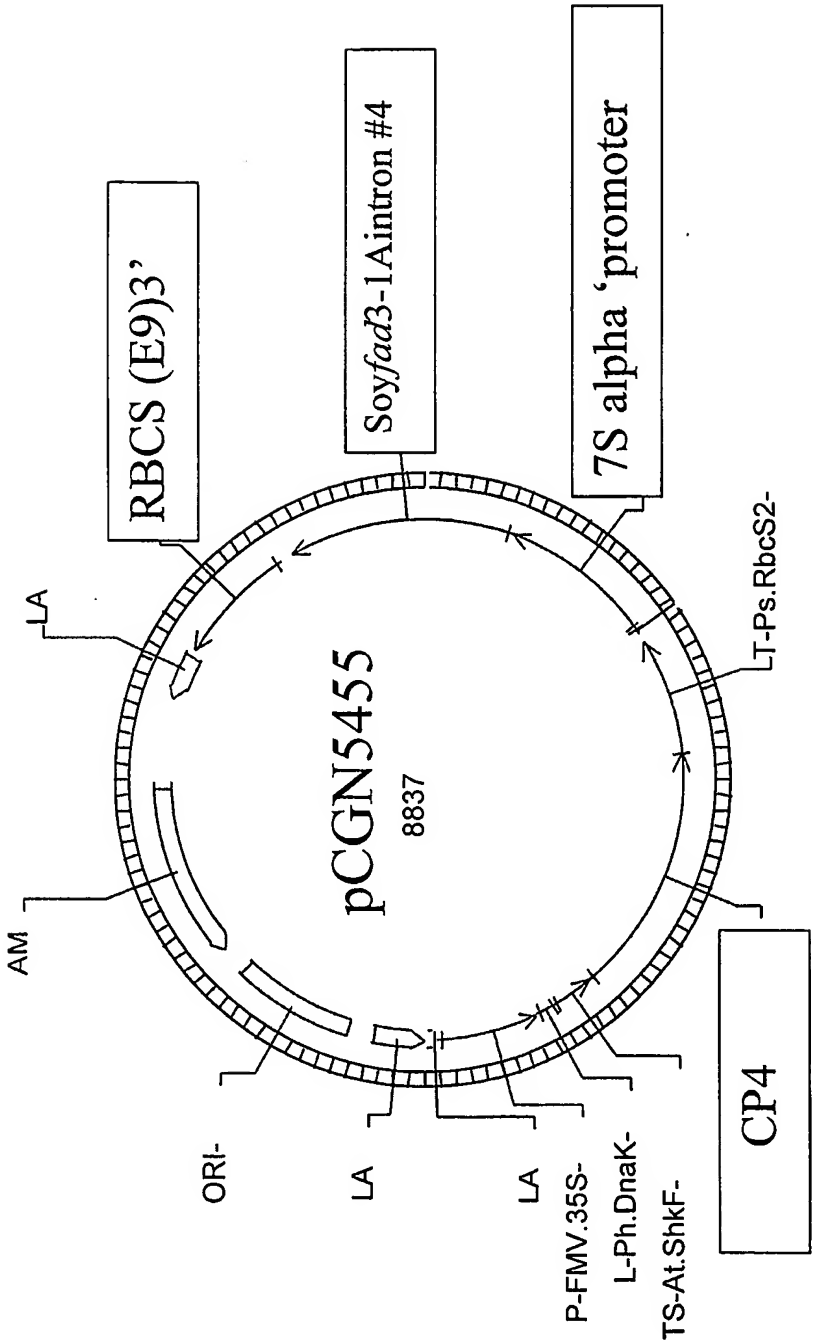
RBCS (E9)3'
Soyfad3-1Aintron #4
7S alpha 'promoter
LA
pCGN5455
8837
LT-Ps.RbcS2-
AM
CP4
ORI-
LA
LA
P-FMV.35S-
L-Ph.DnaK-
TS-At.ShkF-

Figure 12

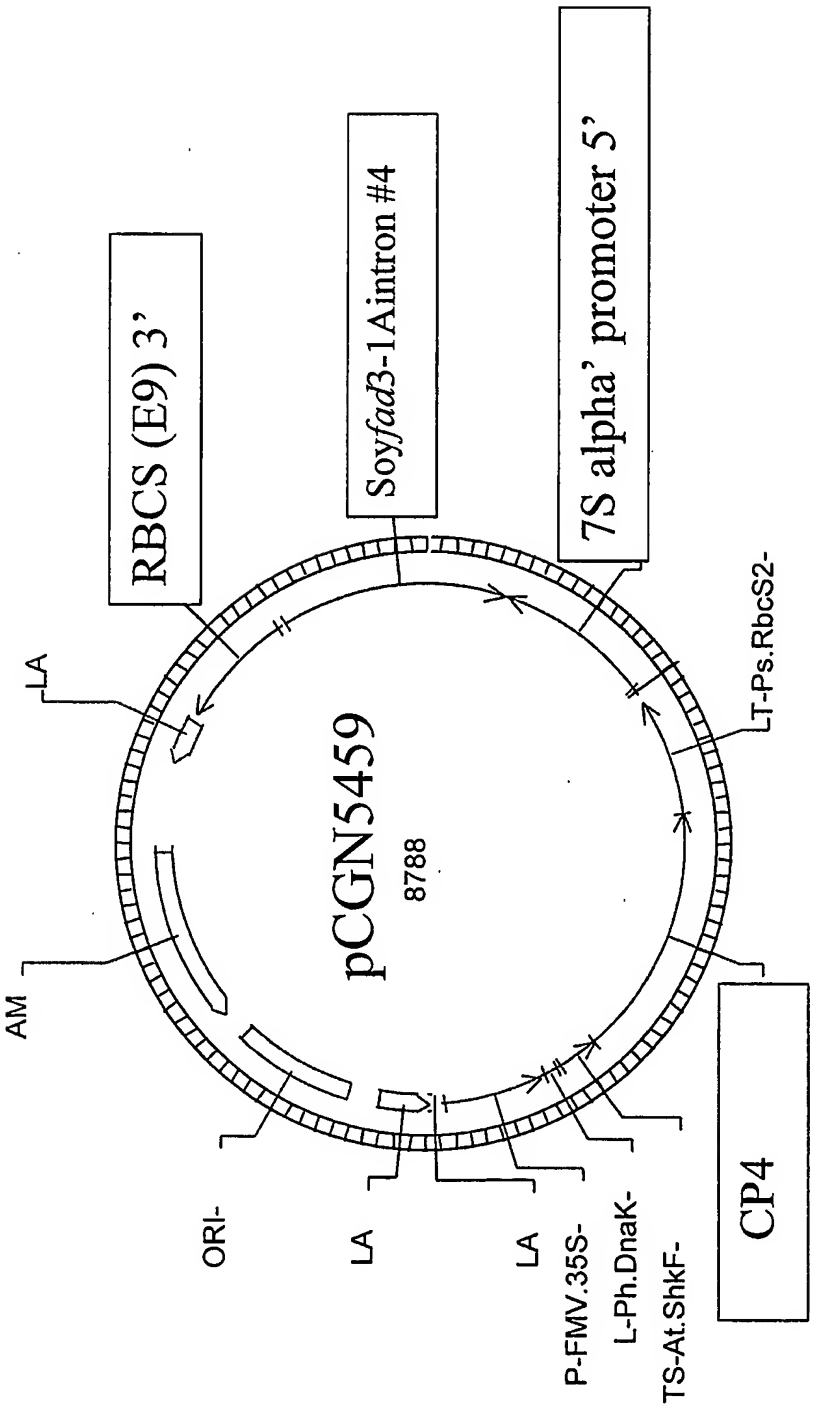
RBCS (E9) 3'
Soyfad3-1Aintron #4
7S alpha' promoter 5'
LA
pCGN5459
8788
LT-Ps.RbcS2-
AM
ORI-
LA
LA
P-FMV.35S-
L-Ph.DnaK-
TS-At.ShkF-
CP4

Figure 13